

# Vibratory Drop Carbide Dispenser

The drop carbide dispenser can be ordered with any MAVRIX welding system or as a detached system to be added to your current welding equipment. This system is custom engineered to provide greater precision of deposits over a wider range of voltage control. Additionally, this control is less sensitive to input voltage changes that can normally occur in any plant causing variation in deposit rate. This brochure highlights the standalone system.

## Content—Drop Carbide System

### Standard items

1. Control
2. Hopper
3. Shaker Trough
4. Vibratory Unit
5. Vibratory Carriage
6. Funnel
7. Phenolic Insulator Mounting Block

### 8. Option:

Current Sensor

### 9. Nozzle Kit:

- Ceramic Cup
- Drop Tube
- Bracket
- Brass Tube Holder Pivot
- Braided Hose 6 ft.

### Deposition Rates

Typical deposition rates that can be achieved are represented by the chart to the right. All unit leaving the factory are calibrated to perform to this standard. Other calibrations can be achieved is a sample of carbide is provide with the order.

### Automation

Standalone control includes the following functions:

- Power On/Off— Main power 120 VAC 50/60 Hz
- Rate—Potentiometer control vibration rate
- Mode—Three modes to select from
  - ⇒ On—Turns on for calibration
  - ⇒ Off— Disables the unit
  - ⇒ Auto—works with the current sensor to automatically start and stop dispersion

### Part Numbers

Machine, Drop Carbide	P/N	2-8030-3
Current Sensor	P/N	1-8003-25
Kit, Drop Carbide Nozzle	P/N	1-8030-7

